

AMENDMENT NO. 4 SEPTEMBER 2011
TO
IS 14665 (PART 4/SEC 6) : 2001 ELECTRIC
TRACTION LIFTS

PART 4 COMPONENTS

Section 6 Lift Doors, Locking Devices and Contacts

(Page 21, clause 19.1.4) — Substitute the following for the existing:

‘Power operated car doors on automatically operated lifts shall be so designed that their closing & opening is not likely to injure a person. The power operated car door shall be provided with a sensitive device which shall automatically initiate reopening of the door in the event of passenger being struck (or about to be struck) by the door, while crossing the entrance during closing movement. In order to achieve this it is desirable that all power operated doors have a full length (covering at least 1 600 mm of car door height from bottom) infra red light curtain safety to retract the door in the event of coming across any obstacle during closing of the door. The effect of the device may be neutralized:

- a) during the last 58 mm of travel of each door panel in the case of side opening of the door,
- b) when the panels are within 58 mm of each other in case of centre opening of doors,
- c) the force needed to prevent the door closing shall not exceed 150 N. This measurement shall not be made in the first third of the travel of the door, and
- d) during emergency fire operation phase 2.’